

Applicant Initiated Interview Request Form

Application No.: 11/775,214 First Named Applicant: Shafiq Pirbhai
 Examiner: Ryan J Jakovac Art Unit: 2445 Status of Application: Pending

Tentative Participants:

(1) Examiner Jakovac (2) Scott Pojunas (62,590)
 (3) Patrick Wamsley (59,241) (4) _____

Proposed Date of Interview: 06/24/2009 Proposed Time: 3 AM/PM

Type of Interview Requested:

(1) ☐ Telephonic (2) ☒ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rej. 101</u>	<u>1, 16, 18</u>	<u>N/A</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) <u>Rej. 103</u>	<u>1-3, 5, 8-14</u>	<u>RFC-2547bis</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) <u>Rej. 103</u>	<u>1-3, 5, 8-14</u>	<u>RFC-1771</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Argument to be Presented:

We plan to request withdrawal of the rejections because the amended claims are patentable over the cited references.

We plan to describe how the amendment has addressed the rejections under 35 U.S.C. 101.

An interview was conducted on the above-identified application on _____.

NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

 Applicant/Applicant's Representative Signature

Patrick G. Wamsley

 Typed/Printed Name of Applicant or Representative

59,241

 Registration Number, if applicable

 Examiner/SPE Signature

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CLAIM AMENDMENTS

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A method of managing virtual routing forwarding (VRF) tables at a provider edge (PE) router of a L3 virtual private network (VPN), said PE router maintaining a VPN-IP master routing information base (RIB) and a sub-RIB for each said VRF table, comprising:

maintaining an import route target (ImpRT) tree comprising all ImpRT attributes currently configured on said PE router;

modifying an ImpRT attribute of a first VRF table in said PE router;

searching said ImpRT tree for a match to said modified ImpRT attribute to identify a second VRF table in said PE router having a matching ImpRT attribute;

for peers supporting a route refresh feature, performing a route refresh operation only when said match is not found;

for peers that do not support the route refresh feature, maintaining rejected routes in a rejected routes tree;

searching for routes in a sub-RIB associated with said second VRF table; and

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15 copying said routes from said sub-RIB into said first VRF table based on all
16 route target attributes configured for said first VRF table, including said modified
17 ImpRT attribute.

1 2. (Previously Presented) The method of claim 1, further comprising:
2 maintaining a list of all ImpRT attributes at a PE node with said ImpRT tree,
3 each ImpRT attribute being associated with all VRF tables that are currently
4 configured with said modified ImpRT attribute.

1 3. (Currently Amended) The method of claim 1, further comprising:
2 adding said modified ImpRT attribute to said first VRF table.

1 4. (Canceled)

1 5. (Currently Amended) The method of claim 3, further comprising:
2 updating said ImpRT tree to include an association between said modified
3 ImpRT attribute and said first VRF table.

1 6-7. (Canceled)

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1 8. (Previously Presented) The method of claim 1, further comprising:
2 adding said routes to each VRF table in a routing database available at said
3 PE router.

1 9. (Previously Presented) The method of claim 2, wherein said searching is
2 performed through said master RIB.

1 10. (Previously Presented) The method of claim 9, wherein said master RIB
2 includes all routes in all VRF tables at said PE router and further includes all
3 routes that were filtered out at said PE router using ImpRT attributes.

1 11. (Currently Amended) The method of claim 1, further comprising:
2 removing said ImpRT from said first VRF table.

1 12. (Currently Amended) The method of claim 11, further comprising:
2 parsing all routes in said first VRF table and removing all routes from said
3 first VRF table that no longer match said ImpRT of said first VRF table.

1 13. (Currently Amended) The method of claim 12, further comprising:

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2 deleting all routes that no longer match from the sub-RIB of said first VRF
3 table.

1 14. (Previously Presented) The method of claim 13, further comprising:
2 deleting in said master RIB every route that no longer matches any ImpRT
3 attribute in said ImpRT tree.

1 15-18. (Canceled)